

ECS Configuration Change Request

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Page(s)

1. Originator Alexander Schuster	2. Log Date: 10/22/01	3. CCR #: 01-0824	4. Rev: -	5. Tel: 925-0519	6. Rm #: 3008B	7. Dept. RDEV
8. CCR Title: Install Solaris 2.5.1 Patches 106529-08, 103663-16, and 105165-04 in the PVC and Functionality Lab						
9. Originator Signature/Date A. Schuster /s/ 10/19/01			10. Class IN	11. Type: CCR	12. Need Date: 10/29/01	
13. Office Manager Signature/Date Arthur Cohen /s/ 10/19/01			14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted: 911-TDA-007, 920-TDP-014			17. Schedule Impact: N/A		18. Cl(s) Affected:	
19. Release Affected by this Change: 6A		20. Date due to Customer: 11/29/01		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: ECSed31957						
23. Problem: (use additional Sheets if necessary) A fix is available for the inadequate handling of throws/exceptions in C++ shared library routines that has been causing ECS 6A.05 servers to core dump under load in the PVC. In addition, fixes are now available for vulnerabilities that allow unprivileged remote access to superuser (root). The Solaris 2.5.1 patches that implement these fixes need to be installed in the PVC and functionality lab for testing leading to deployment prior to 6A.05 PSR.						
24. Proposed Solution: (use additional sheets if necessary) See attached.						
25. Alternate Solution: (use additional sheets if necessary)						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) The patches would not undergo sufficient regression testing needed for PSR, and might adversely affect the PSR for 6A.05.						
27. Justification for Emergency (If Block 15 is "Emergency"): These patches must be installed and used in the PVC's "24 hr run" scheduled for next week. This is a critical, mandatory test for PSR'ing patch 106529-08, and next week's run is our best test opportunity. Since this patch is a prerequisite for PSR of 6A.05, delays in testing can adversely affect 6A.05 PSR which is currently scheduled for 11/29/01.						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:				30. Work Assigned To:		31. CCR Closed Date:
32. EDF/SCDV CCB Chair (Sign/Date): Randall J. Miller /s/ 10/22/01 Byron Kimball /s/ 10/22/01			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB			
33. M&O CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Alexander Schuster

Telephone: 925-0519 **Office:** RDEV

Title of Change: Install Solaris 2.5.1 Patches 106529-08, 103663-16, and 105165-04 in the PVC and Functionality Lab

Item 24:

- a) Install Solaris 2.5.1 patches 106529-08, 103663-16, and 105165-04 on all PVC Sun machines, including at least: p0ass01, p0css02, p0dms01, p0dms02, p0ins01, p0ins02, p0ais01, p0ais05, p0sps06, p0acs02, p0acs03, p0dis02, p0drs03, p0drs05, p0mss21, p0mss02, p0mss10, p0mss07, p0pls01, p0pls02, p0pls03, p0tes02, and, p0tes03
- b) Capture PVC installation instructions and provide them to Development for PSR documents.
- c) After successful PVC testing, install the patches on all functionality lab string 2 Sun machines, including at least: f2dis01, f2ins01, f2mss01, f2pls01. Use install instructions from PVC installation.
- d) Redline installation instructions during lab installs, and provide them to Development for PSR documents.

CM01AJA00